

CLAIMS

1. A 3-cephem derivative crystal which is a clathrate compound comprising p-methoxybenzyl ester of 7-phenylacetamide-3-formyl-3-cephem-4-carboxylic acid and dimethylformamide.

2. A 3-cephem derivative crystal as defined in claim 1 which has peaks at the following spacing of lattice planes (d) in the X-ray powder diffraction pattern obtained under copper radiation of 1.5418 angstrom in wavelength passed through a
5 monochromator:

spacing of lattice planes (d)

10.87 to 11.71

8.42 to 9.30

6.35 to 6.79

10 5.64 to 6.24

4.67 to 4.87

4.49 to 4.60

4.38 to 4.48

4.09 to 4.18

15 3.92 to 3.99

3.83 to 3.91

3.63 to 3.71

3.33 to 3.36 .

3. A 3-cephem derivative crystal as defined in claim 2 which has the following X-ray powder diffraction pattern obtained under copper radiation of 1.5418 angstrom in wavelength passed

5 through a monochromator:

	spacing of lattice planes (d)	relative intensity (I/I ₀)
	10.87 to 11.71	0.61 to 0.67
	8.42 to 9.30	0.50 to 0.56
	6.35 to 6.79	0.70 to 0.78
10	5.64 to 6.24	0.32 to 0.36
	4.67 to 4.87	0.69 to 0.77
	4.49 to 4.60	0.27 to 0.29
	4.38 to 4.48	0.41 to 0.45
	4.09 to 4.18	0.30 to 0.36
15	3.92 to 3.99	0.42 to 0.46
	3.83 to 3.91	1.00
	3.63 to 3.71	0.46 to 0.50
	3.33 to 3.36	0.29 to 0.32 .